

What is claimed is:

1. A protective film of a polarizing plate comprising a cellulose ester film, wherein a variation in a weight of the cellulose ester film is 0 to 2% under a keeping condition of 80 ± 5 °C and $90 \pm 10\%$ RH for 48 hours.
2. The protective film of a polarizing plate of claim 1, wherein the cellulose ester film contains a plasticizer in an amount of 1 to 30 weight % of the cellulose ester film.
3. The protective film of a polarizing plate of claim 1, wherein a moisture permeability of the cellulose ester film is 50 to 250 g/m²·24hr and a thickness of the cellulose ester film is 10 to 60 μ m.
4. A protective film of a polarizing plate comprising a cellulose ester film, wherein the cellulose ester film contains a plasticizer selected from the group consisting of rosin, rosin derivatives, epoxy resins, ketone resins and p-toluenesulfonamide resins.
5. The protective film of a polarizing plate of claim 4, wherein the plasticizer is rosin or a rosin derivative.

6. The protective film of a polarizing plate of claim 5, wherein the plasticizer is hydrogenated and has an acid value of 100 to 250.

7. The protective film of a polarizing plate of claim 4, wherein the plasticizer is an epoxy resin.

8. The protective film of a polarizing plate of claim 7, wherein the plasticizer is a phenol-novolac epoxy resin or a cresol-novolac epoxy resin.

9. The protective film of a polarizing plate of claim 4, wherein the plasticizer is a ketone resin.

10. The protective film of a polarizing plate of claim 4, wherein the plasticizer is a p-toluenesulfonamide resin.

11. The protective film of a polarizing plate of claim 4, wherein a variation in a weight of the cellulose ester film is 0 to 2% under a keeping condition of 80 ± 5 °C and $90 \pm 10\%$ RH for 48 hours.

12. The protective film of a polarizing plate of claim 1,

wherein the cellulose ester film contains a plasticizer selected from the group consisting of rosin and rosin derivatives.

13. The protective film of a polarizing plate of claim 12, wherein the plasticizer is hydrogenated and has an acid value of 100 to 250.

14. The protective film of a polarizing plate of claim 1, wherein the cellulose ester film contains a plasticizer selected from epoxy resins.

15. The protective film of a polarizing plate of claim 14, wherein the plasticizer is a phenol-novolac epoxy resin or a cresol-novolac epoxy resin.

16. The protective film of a polarizing plate of claim 1, wherein the cellulose ester film contains a plasticizer selected from ketone resins.

17. The protective film of a polarizing plate of claim 11, wherein the cellulose ester film contains a plasticizer selected from *p*-toluenesulfonamide resins.